

Converting Colors

YIQ(171.7190, 18.4700, 39.7340)

Have a look what the booklet for
YIQ(171.7190, 18.4700, 39.7340)
contains.

YIQ(171.7190, 18.4700, 39.7340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(171.7190, 18.4700,
39.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	D68DDB
RGB	214, 141, 219
RGB Percent	84%, 55%, 86%
CMY	0.1606, 0.4472, 0.1412
CMYK	0.02, 0.36, 0.00, 0.14
HSL	296°, 52%, 71%
HSV	296°, 36%, 86%
XYZ	50.0551, 38.4601, 71.8054
YIQ	171.7190, 18.4700, 39.7340

Conversions

Conversions Part 2

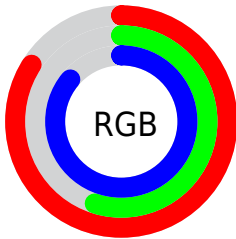
Format	Color
R_{YB}	214, 141, 219
Decimal	14061019
CIE _{Lab}	68.36, 40.16, -28.64
CIE _{LCh}	68, 49.328, 324.507
Yxy	38.4601, 0.3122, 0.2399
Android (android.graphics.Color)	4292251099 (0xFFD68DDB)
YUV	171.7190, 23.3095, 37.0804
Hunter-Lab	62.0162, 35.5443, -25.2376

Details

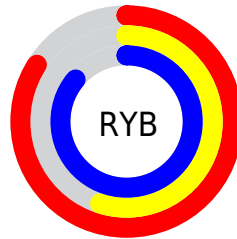
The YIQ color $171.7190, 18.4700, 39.7340$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $188.2810, -18.4700, -39.7340$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.3670, 16.2250, 30.8570$, and $118.1810, 17.0490, 37.9530$ is the 20% darker color. If you saturate the color by 10%, you get $158.5060, 23.9240, 51.0280$, and if you desaturate by 10%, it is $184.9320, 13.0160, 28.4400$.

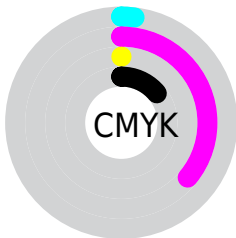
Distribution



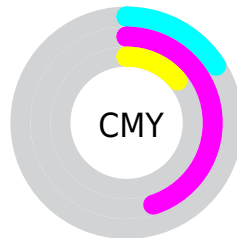
- Red (84%)
- Green (55%)
- Blue (86%)



- Red (84%)
- Yellow (55%)
- Blue (86%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.7190, 18.4700, 39.7340 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 171.7190, 18.4700, 39.7340 by changing the saturation by 10% instead.

171.7190, 18.4700,
39.7340

171.7190, 18.4700,
39.7340

255.0000, -0.0000,
-0.0000

144.8930, 17.9200,
38.6880

220.3670, 16.2250,
30.8570

118.1810, 17.0490,
37.9530

236.8030, 8.5250,
16.2130

92.3550, 16.4990,
36.9070

253.8260, 0.5500,
1.0460

67.0560, 15.9030,
36.6950

39.9960, 16.1320,
38.0520

23.3280, 11.9610,
31.0410

14.8400, 7.1030,

19.9590

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 171.7190, 18.4700,
39.7340

■ 171.7190, 18.4700,
39.7340

■ 158.5060, 23.9240,
51.0280

■ 184.9320, 13.0160,
28.4400

■ 144.9940, 28.7820,
62.1100

■ 198.4440, 8.1580,
17.3580

■ 131.7810, 34.2360,
73.4040

■ 211.6570, 2.7040,
6.0640

■ 118.5680, 39.6900,
84.6980

■ 225.1690, -2.1540,
-5.0180

■ 105.0560, 44.5480,
95.7800

■ 237.7950, -7.3330,
-15.7890

■ 92.4300, 49.7270,
106.5510

■ 241.0290, -8.1120,
-18.1920

■ 86.2610, 51.8810,
111.5690

■ 241.6270, -6.9200,
-17.7680

■ 241.9260, -6.3240,
-17.5560

■ 242.5240, -5.1320,
-17.1320

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.9610, -29.4860, 27.7780



171.7190, 18.4700, 39.7340



169.7430, 53.4530, 38.9970

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171.7190, 18.4700, 39.7340



162.9710, 50.5290, -18.1670



133.9710, -116.8170, -36.0250

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



171.7190, 18.4700, 39.7340



188.2810, -18.4700, -39.7340

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



128.8410, -102.3720, -50.0200



171.7190, 18.4700, 39.7340



159.0160, 19.1250, -32.7390

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171.7190, 18.4700, 39.7340



165.6120, 68.4980, 3.1060



151.6870, -25.4850, -39.2530



135.1400, -126.9980, -22.2140

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171.7190, 18.4700, 39.7340



168.1170, 66.6590, 30.9390



151.6870, -25.4850, -39.2530



132.3750, -112.3230, -40.3790

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



171.7190, 18.4700, 39.7340



237.9660, 6.5080, 14.2200



152.8270, -26.4130, 21.6430



117.4230, 3.4830, 8.4670



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.7190, 18.4700, 39.7340



188.3370, 26.0780, 56.0460



169.3380, 32.3640, 30.2200



103.2440, 2.4290, 5.5410



68.1600, 41.0190, 88.1470



18.1010, 10.8620, 23.4220

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



164.8920, 44.8830, 18.0910



178.6880, 63.3130, 25.4970



190.6620, -32.3640, -30.2200



102.2890, 6.5560, 2.3320



52.9810, 99.5770, 40.0970



14.0960, 26.4530, 10.6850

Previews

White Background



This preview shows how the YIQ color 171.7190, 18.4700, 39.7340 looks on a white background.

Color Contrast Check

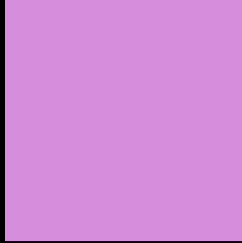
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 171.7190, 18.4700, 39.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

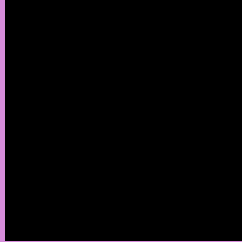
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 171.7190, 18.4700, 39.7340

Background



This preview shows how black text looks on a background with the YIQ color 171.7190, 18.4700, 39.7340.



This preview shows how white text looks on a background with the YIQ color 171.7190, 18.4700,

39.7340.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

171.7190, 18.4700, 39.7340

Protanopia

166.9290, -35.6280, 17.9400

Deuteranopia

168.0200, -19.9470, 14.5890



Tritanopia

169.8130, 28.9280, 15.3920

Trichromacy



Original Color

171.7190, 18.4700, 39.7340



Protanomaly

168.3230, -16.0060, 25.7700



Deuteranomaly

169.4180, -6.1480, 23.3240



Tritanomaly

170.6420, 25.3960, 24.3400

Monochromacy



Original Color

171.7190, 18.4700, 39.7340



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.9660, 6.5080, 14.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.7190, 18.4700, 39.7340 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 141, 219)` looks like.

```
.text, #text, p{  
    color:rgb(214, 141, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 141, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 141, 219) }
```

Border

The CSS property to change the border of an element to YIQ 171.7190, 18.4700, 39.7340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 141, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 141, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 141, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 141, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 141, 219);  
box-shadow:4px 4px 4px 4px rgb(214, 141,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 171.7190, 18.4700, 39.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 141, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
141, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor